



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H140325

Mode: Highway

Status: Submitted

SR-1305, ? (Oates Road, Midnight Lane)

From/Cross Street: US 21 (Charlotte Highway)

Specific Improvement Type: 6 - Widen Existing Roadway and Construct Part on New Location

To: SR 1474 (Bluefield Road)

Project Category: Division Needs

Length: 1.53

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$9,596,000

Description:

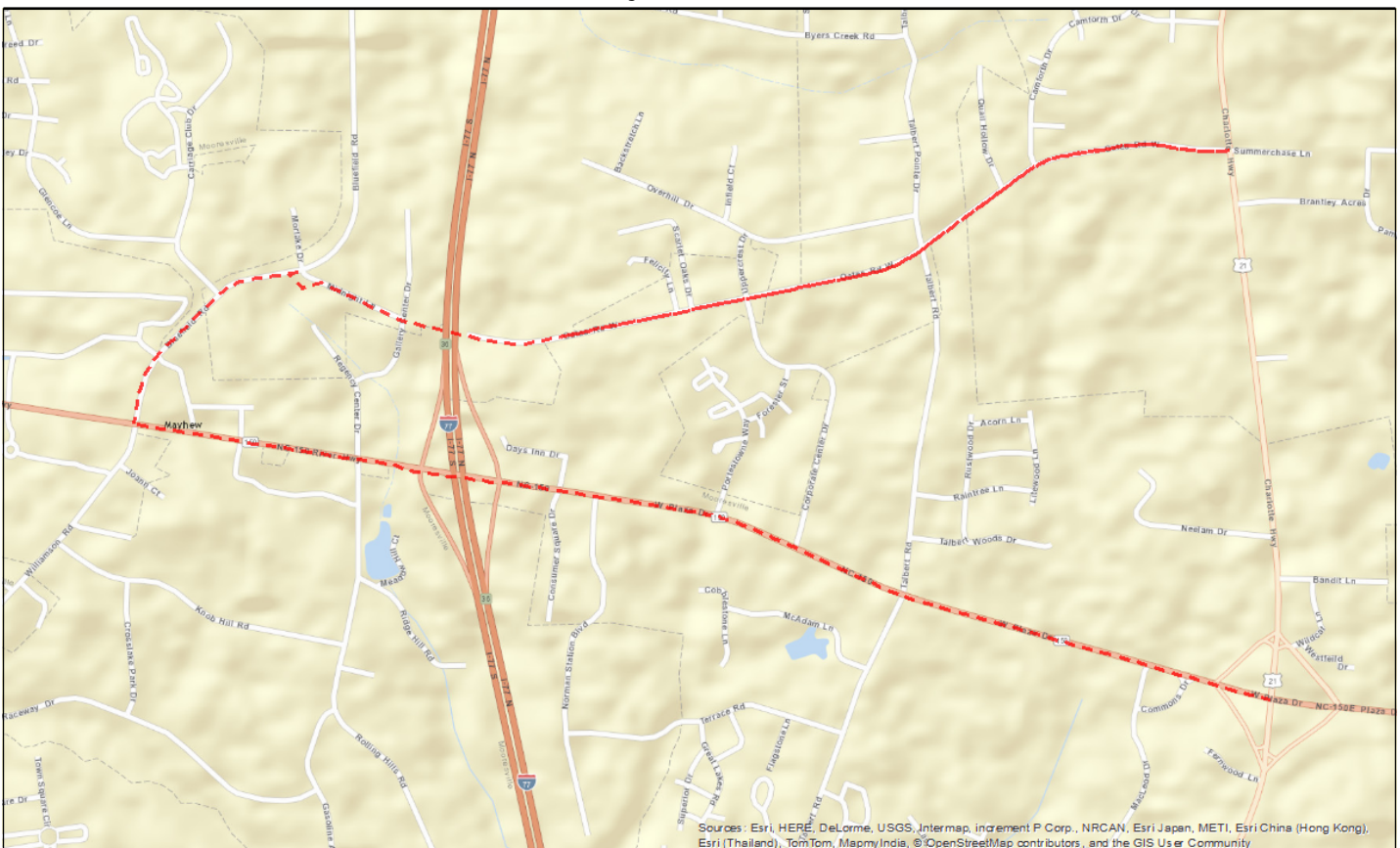
Construct a new overpass over I-77 just north of Exit 36. Widen and modernize Midnight Lane and Oates Road from a substandard two-lane cross-section to a three-lane section, and construct the approaches and overpass over I-77 on new location. It is anticipated that this project would provide congestion relief to the NC 150 corridor near I-77 (Exit 36) while providing alternate access to property along NC 150.

Division(s): Division 12

County(s): IREDELL

MPOS(s)/RPO(s): Charlotte Regional Transportation Planning Organization

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points: 0	Percent: 15% Points: 0

Division Needs Total Score: 85.81

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 77.11 Safety (10%) 47.97 [Travel Time] Benefit/Cost (20%) 77.97	Percent: 25% Points: 100	Percent: 25% Points: 100
Totals: Weight: 50% Weighted Score: 35.81		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	37
Length (miles):	3.8
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	27113.86
Capacity:	24548.84
Volume/Capacity Ratio:	1.1
% Autos:	93%
% Trucks:	7%
Truck Volume:	1848.62
Crash Density:	60
Crash Severity:	29.03
Critical Crash Rate:	54.9
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	22
Existing Median Type (for Cost Estimation):	TWLTL
Pavement Condition Rating:	84
Actual Congested Speed:	16.1
Travel Time Index:	2.17

Project Benefits

Project Cross-Section:	3C - 2 Lane with Two Way Left Turn Lane, Curb & Gutter, Bike Lanes, and Sidewalks
Speed Limit:	35
Length (miles):	1.53
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Collector
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	33619690.62
Travel Time Savings for 30 Years (Autos):	31327499.3
Travel Time Savings for 30 Years (Trucks):	2292191.32
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	Yes
CTP/LRTP Name:	2040 Metropolitan Transportation Plan
CTP/LRTP Completion Year:	2014
Submitted by:	Charlotte Regional Transportation Planning Organization

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 12	100%	0	100
	0%	0	0
	0%	0	0
TOTAL Division Points		0	100

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Charlotte Regional Transportation Planning Organization	100%	0	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	100

Project Cost and Source

Construction Cost:	\$7,100,000	TIP Unit
Right-of-Way Cost:	\$1,484,000	TIP Unit
Utilities Cost:	\$1,012,000	TIP Unit
Total Project Cost:	\$9,596,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$9,596,000	